MD 197 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

CONSTRUCTION DETAILS

A. INSTALL 14 IN. X 32 FT. STRAIN POLE WITH 15 FT. LIGHTING ARM AND 250 WATT HPSV LUMINAIRE WITH PHOTOCELL (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL NON-EVASIVE MICRO-LOOP PROBE WITH 500 FT. LEAD-IN
D. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT-BORED
E. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT-TRENCHED
F. INSTALL THERMOPLASTIC PAVEMENT MARKING ARROWS
G. INSTALL $^{3}/_{8}$ IN. STEEL SPAN WIRE, SIGNAL HEADS AND RELOCATED SIGN
H. INSTALL $^{3}/_{8}$ IN. STEEL SPAN WIRE AND SIGNAL HEADS
J. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN $^{1}/_{4}$ FLEXIBLE TUBING (3-6-3 WINDING)
K. REMOVE EXISTING ELECTRICAL HANDHOLE
L. REMOVE STRAIN POLE AND STREET LIGHTING ARM
M. CAP AND ABANDON EXISTING CONDUIT
N. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS, AND SIGNS
O. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS
P. NOT USED
Q. USE EXISTING ELECTRICAL HANDHOLE
R. USE EXISTING CONDUIT
S. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
T. USE EXISTNG SPAN WIRE FOR NEW SIGN AND RELOCATE EXISTING SIGN
U. USE EXISTING STRAIN POLE
V. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
W. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
X. INSTALL 5 IN. WHITE THERMOPLASTIC PAVEMENT MARKING
Y. REMOVE EXISTING PAVEMENT MARKING

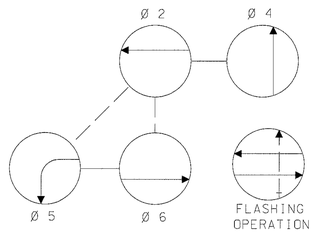
PROPOSED SIGNALS PROPOSED SIGN

2,3,5,11 — R, Y, G — 12"
9,10 — ◁R, ◁Y, ◁G — 12"
19 — ONLY — R3-5(L) (30" X 36")

EXISTING SIGNALS

1,7,8,12-13 — R, Y, G
4,6 — ◁R, ◁Y, ◁G

NEMA PHASING



EXISTING SIGNS

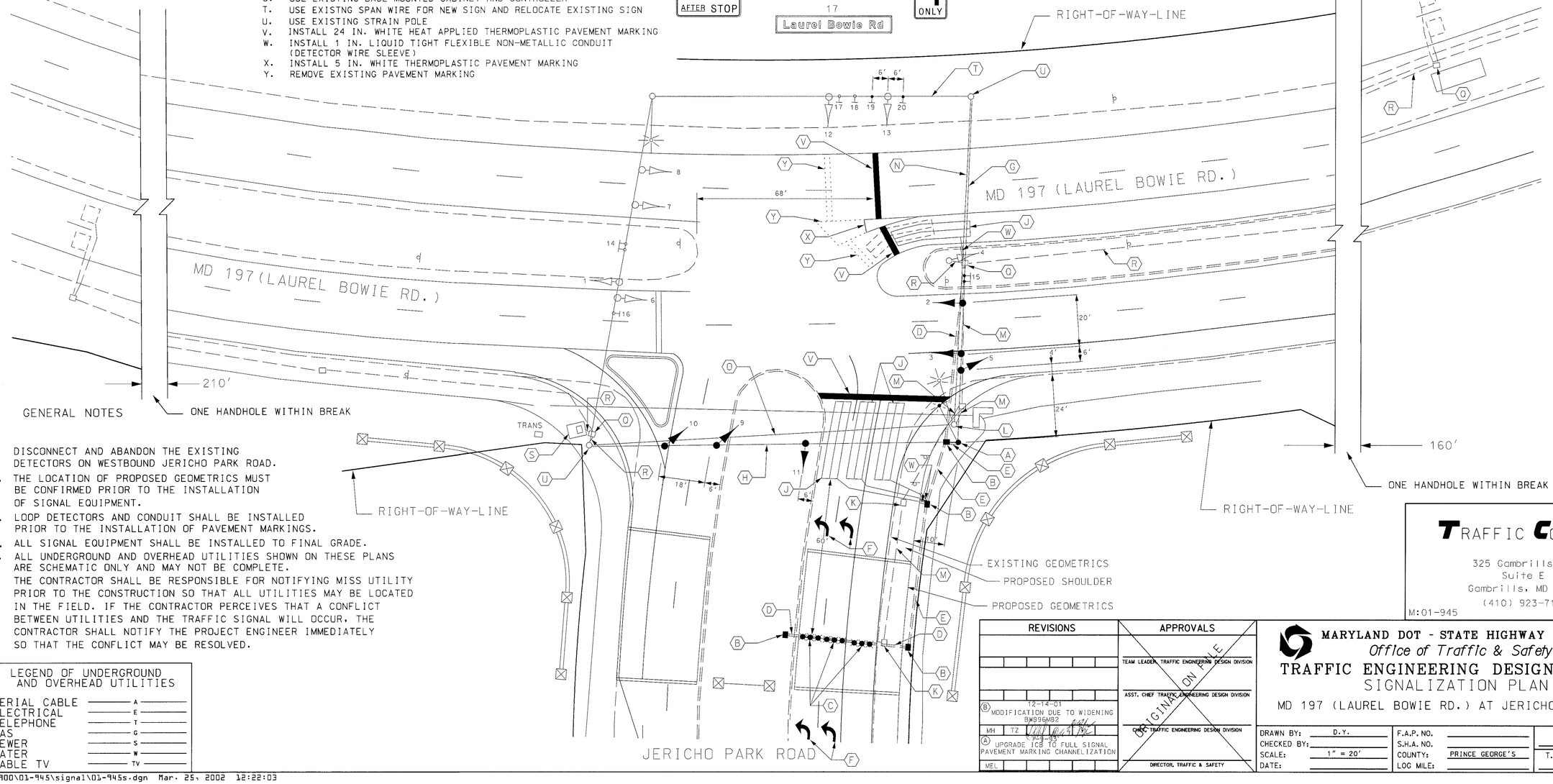
16 — PROCEED ON FLASHING RED AFTER STOP
14 — Jericho Park Rd
17 — Laurel Bowie Rd
18 — ONLY

EXISTING SIGN TO BE RELOCATED

20 — ONLY — R3-5(R) (30" X 36")
15 — Jericho Park Rd — D3-2 SINGLE FACE SIGN (VAR. X 16")

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



GENERAL NOTES

1. DISCONNECT AND ABANDON THE EXISTING DETECTORS ON WESTBOUND JERICHO PARK ROAD.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
M:01-945

REVISIONS	APPROVALS
(B) 12-14-01 MODIFICATION DUE TO WIDENING BW996M82 MH TZ	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(A) 7-9-93 UPGRADE ICB TO FULL SIGNAL PAVEMENT MARKING CHANNELIZATION MEL	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
MD 197 (LAUREL BOWIE RD.) AT JERICHO PARK ROAD

DRAWN BY: D.Y.	F.A.P. NO.	TS NO. 3311B	SHEET NO. 1 OF 2
CHECKED BY:	S.H.A. NO.	T.I.M.S. NO. F112	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S		
DATE:	LOG MILE:		

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